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## (54) POLYPEPTIDE

(57)Abstract:

NEW MATERIAL: A polypeptide in which 68th proline of human TNF having the an amino acid sequence expressed by the formula is replaced by other amino acid.

USE: An antiulcer agent, etc.

PREPARATION: A recombinant microorganism cell transformed by a recombinant plasmid containing DNA coding a polypeptide having a sequence in which 68th proline in a human TNF protein is replaced by other amino acid is cultured in a culture medium and the aimed polypeptide having the amino acid sequence is produced and separated.

Ser Ser Ser Arg Thr Pro Ser Asp Leu Pro Val Ala His Val Val  
1 3 10 15  
Ala Asp Pro Glu Ala Glu Gly Glu Leu Glu Tyr Leu Asp Arg Arg  
16 20 25 30  
Ala Asp Ala Leu Leu Ala Asp Gly Val Glu Leu Arg Asp Asp Glu  
31 35 40 45  
Leu Val Val Pro Ser Glu Gly Asp Tyr Leu His Tyr Ser Glu Val  
46 50 55 60  
Leu Phe Leu Gly Glu Gly Phe Pro Ser Thr His Val Leu Leu Thr  
61 65 70 75  
His Thr His Ser Arg His Ala Val Ser Tyr Glu Thr Leu Val Asp  
76 80 85 90  
Leu Leu Ser Ala Gly Leu Ser Phe Asp Glu Arg Glu Thr Pro Glu  
91 95 100 105  
Gly Ala Glu Ala Tyr Pro Tyr Tyr Glu Pro His Tyr Leu Gly Gly  
106 110 115 120  
Val Phe Glu Leu Glu Leu Gly Asp Asp Leu Ser His Glu His Asp  
121 125 130 135  
Arg Pro Asp Tyr Leu Asp Phe Ala Val Ser Gly Glu Val Tyr Phe  
136 140 145 150  
Gly His His Ala Leu  
151 155

## LEGAL STATUS

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